

RSS Ceiling-mount Multi-candela Strobes

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Invented for life



- ▶ UL Regulated voltage range of 16 V to 33 V using filtered DC or unfiltered FWR voltage
- ▶ Strobes produce 1 flash per second over the regulated voltage range
- ▶ ADA/NFPA/ANSI compliant
- ▶ Zero inrush above peak
- ▶ Compatible with DSM Synchronization Module

These Wheelock multi-candela strobes provide intensities of 15 cd, 30 cd, 75 cd or 95 cd. They can be synchronized when used with the DSM Synchronization Module or a compatible control panel. Synchronized strobes can eliminate possible restrictions on the number of strobes in the field of view. When synchronized, these strobes comply with ADA requirements concerning photosensitive epilepsy and meet the requirements of NFPA 72.

Certifications and approvals

Cooper Wheelock, Inc. holds these Listings and Approvals:

Region	Certification
USA	UL UUKC_S5391 - Signaling Appliances and Equipment for the Hearing Impaired
	CSFM 7125-0785-0141

Installation/configuration notes

Compatible Products

The following products are compatible with the RSS Strobes:

Category	Product ID	Product Description
Control Panels	D7024 ¹	Addressable FACP
	D7024	Conventional FACP
	D8024 ²	Analog FACP
	D9124 ²	Addressable FACP
	D10024A ²	Analog FACP
	FPA-1000	Analog Addressable FACPs
	FPD-7024 ¹	Addressable FACP
Modules	FPD-7024	Conventional FACP
	DSM-12/24-R	Dual synchronization module (red)

¹ When used with a D7039 Multiplex Expansion Module, the D7024 and FPD-7024 become addressable fire alarm control panels (FACPs).

² For synchronization, use the DSM Synchronization Module with these control panels.

Mounting Considerations

These strobe appliances use an integral strobe mounting plate for mounting on the indicated back boxes for the indicated applications:

	Conduit Applications	Surface Mounted	Semi-flush Mounted
Single-gang			•
Double-gang		•	•
Four-inch square			•
100 mm European			•
BB R	•	•	
SHBB R		•	

All models have an attractive cover plate for a clean, finished appearance.

Wiring



Notice

Do not use these strobe units in coded or pulsed signaling circuits.

The input terminals accept wires with diameters between 18 AWG and 12 AWG (ISO 0.75 mm² and 4 mm²).

Parts included

Quant.	Component
1	Strobe
1	Hardware pack
1	Literature pack

Technical specifications

Electrical

Current Draw at 16 VDC to 33 VDC	115 cd: 300 mA RMS maximum 177 cd: 420 mA RMS maximum
Current Draw at 16 FWR to 33 FWR	135 cd: 455 mA RMS maximum 185 cd: 645 mA RMS maximum
Voltage (Input)	24 VDC nominal; 16 VDC or FWR to 33 VDC or FWR

Environmental

Operating Temperature	+32°F to +120°F (0°C to +49°C)
Relative Humidity	Up to 85%, non-condensing

Mechanical

Dimensions (H x W x D)	4.75 in. x 4.75 in. x 2.5 in. (12.1 cm x 12.1 cm x 6.4 cm)
Material	Molded plastic enclosure incorporating a Xenon flashtube and Lexan lens.

Trademarks

Trademarks

All hardware and software product names used in this document are likely to be registered trademarks and must be treated accordingly.

Ordering information

RSS-24MCC-NW Ceiling-mount Strobe (square, white, no lettering)

Square white (no lettering) ceiling-mount strobe providing intensities of 15 cd, 30 cd, 75 cd, or 95 cd.
Not Available.

Order number **RSS-24MCC-NW**

RSS-24MCCR-FR Ceiling-mount Strobe (round, red)

Round red ceiling-mount strobe providing intensities of 15 cd, 30 cd, 75 cd, or 95 cd.

Not Available.

Order number **RSS-24MCCR-FR**

RSS-24MCCR-FW Ceiling-mount Strobe (round, white)

Round white ceiling-mount strobe providing intensities of 15 cd, 30 cd, 75 cd, or 95 cd.

Not Available.

Order number **RSS-24MCCR-FW**

Accessories

DSM-12/24-R Dual Synchronization Module (red)

A 12/24 VDC Cooper Wheelock module that synchronizes notification appliances on a single Class A or two Class B circuits.

Order number **DSM-12/24-R**

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